



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

<p><i>Complete if Known</i></p>				Application Number		10/656,595	
				Filing Date		09/05/2003	
				First Named Inventor		Paul R. Arnston	
				Group Art Unit		Not yet assigned	
				Examiner Name		Not yet assigned	
				Sheet	1	of	3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code ² (if known)				
22	1.	1,971,189		J. K. Leibing	08-21-1934		
	2.	2,346,773		J. W. McBride et al.	04-18-1944		
	3.	2,600,857		G. F. De La Mater	06-17-1952		
	4.	2,807,780		B. E. Ludwig et al.	09-24-1957		
	5.	2,844,977		W. L. Morse	07-29-1958		
	6.	2,911,860		J. C. Winslow et al.	11-10-1959		
	7.	3,599,958		Schindler	08-17-1971		
	8.	3,663,115		Vindez et al.	05-16-1972		
	9.	4,229,696		Gustafson	10-21-1980		
	10.	4,353,308		Brown	10-12-1982		
	11.	4,388,890		Wester et al.	06-21-1983		
	12.	4,396,318		Jensen et al.	08-02-1983		
	13.	4,570,542		Cable et al.	02-18-1986		
	14.	4,740,117		Schaff Deleury et al.	04-26-1988		
	15.	4,850,763		Jack et al.	07-25-1989		
22	16.	5,172,055	A	Horn	12-15-1992		
	17.	5,395,187	A	Slesinski et al.	03-07-1995		
Examiner Signature		David Schindler			Date Considered	10/02/2005	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation designation number (optional). 2. See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22315-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22315-1450.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/656,595
Filing Date	09/05/2003
First Named Inventor	Paul R. Arnston
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned

Sheet 2 of 3

Attorney Docket Number BING-1-1038

Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	Number	Kind Code ² (if known)		
18.	5,432,434	A	Tugwell	06-11-1995
19.	5,434,500	A	Hauck et al.	07-18-1995
20.	5,445,000	A	Brown	08-29-1995
21.	5,465,500	A	Nammoto	11-14-1995
22.	5,482,411	A	McGlasson	01-09-1996
23.	6,036,409	A	Rissler	03-14-2000
24.	6,073,326	A	Banks et al.	06-13-2000
25.	6,087,824	A	Shiao	07-11-2000
26.	6,210,084	B1	Banks et al.	04-03-2001
27.	6,240,332	B1	Buttrick et al.	05-29-2001
28.	6,220,099	B1	Marti et al.	04-24-2001
29.	6,283,684	B1	Jarvis	09-04-2001
30.	6,430,796	B1	Jones et al.	08-13-2002
31.	6,467,385	B1	Buttrick et al.	10-22-2002
32.	6,550,129	B1	Buttrick, Jr.	04-22-2003
33.	6,536,100	B2	Sarh et al.	03-25-2003

Examiner
Signature

David Schindler

Date
Considered

10/02/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1. Applicant's unique citation designation number (optional). 2. See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. T⁶ Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22315-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22315-1450.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/656,595
Filing Date	09/05/2003
First Named Inventor	Paul R. Arnston
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned

Sheet 3 of 3

Attorney Docket Number BING-1-1038

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind ⁵ Code (if known)			
	34.	DE	508 647		Siegmund Deutsch	09-27-1930	No Encl. AB Avail.
DS	35.	GB	2 363 432	A	Leslie Steele	12-19-2001	
DS	36.	WO	03/095154	A1	The Boeing Company	11-20-2003	

Not Considered
See office action
↓

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
DS	37.	Honeywell Sensor Products, "Three-Axis Magnetic Sensor Hybrid, HMC2003" Solid State Electronics Center, 900151 Rev.C., 10/97, pp. 1-4.	

Examiner Signature

David Schuchler

Date Considered

10/02/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional). 2. See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. T⁶ Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached. T² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22315-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22315-1450.

